

Persistence of Exploitation Explored, by
Miroslav Jilek, 5 pp.
SERBO-CROATIAN, np, Studentski List, Zagreb,
17 May 73, p 14.
JPRS 59326

Jun 73

Nedzynski, J., and G. Zukowski
Biological and technological characteristics of Northwest 1971
Atlantic macruridae (Biologiczna i technologiczna
charakterystyka ryb bulawikowatych z polnocno-zachodniego
Atlantyku)
Studia i Materiały Mir, Series D, (5): 45. In Polish.

Original Article Checked *M*

Tables of Contents and Introductions of 13 Monographs.
Studia i Materialy, Series A: No. 9, 1971;
No.10, 1972; Series B, No.25, 1971; No.26, No.27
1972; Series C: No. 11, 1971; No.12, 1972; no.13
No. 14, 1972; Series D, no.6, 1972; Series E,
No.21, 1972; Technology of Marine Organisms, by
Z.E. Sirorski; and Fishing Industry Economics,
by J. Wojewnik.
*NTIS-IT-73-54009

9 pages

P. Bradeanu

Calculation of the Heat Exchange Near the Critical
Point of a Heated Rod, Whose Surface has Variable
Temperature.

STUDIA UNIVERSITATIS BABES-BOLYAI, SERIES MATHEMATICA-
MECHANICA FASCICULUS, Vol 2, 1970, pp 75-82.

ACSI-K-2003

FSIC-HT-23-0130-72

AMS 72

Kelemen, F. et al

A Method for the Measurement of Diffusion in
Gels -y Means of Radioactive Isotopes.
ACAD. REP. POPULARE ROMINE, STUDII CERCETARI
FIZ., Vol.14, No.5, pp.583-8, 1963.
A.T.S RU-4708

Agency: Piatinsky Arsenal
Req. 74-31 k

9243/0963
18 Oct. 1973

Title: Eliberarea apai si a altor substante din
biostructura frunzelor de *Prun sub Actiunea*
inhibitorilor metabolici

Author: E. Macovechi si V. Frunzeti

Source: Stud. Cercet. Biochim. V. 12, pp. 19-26.
(1969)

Language: Romanian.

Instructions: Type single space, paste-up, camera ready
copy.

Agency: Ficatinny Arsenal
Req. 74-31 j

9249/0982
18 Oct. 1973

Title: Eliberarea partiala a apoi biostructurale in
prezenta inhibitorilor metabolici.

Author: Eugen Macovschi.

Source: Stud. Cercet. Biochim. V. 12. pp. 105-114
(1969).

Language: Romanian

Instructions: Type single space, paste-up, camera ready
copy.

Picatinny Arsenal

Req. 74-37 d

9/14/1974

14 Nov. 1973

Title: Eliberarea Treptat a Apsii Si A Altor
Componente Din Materia....de Sodiu.

Author: Elefterescu, Viorica.

Source: Study. Cercet. Biochim. Vol. 13,
pp. ~~IX~~ 261-264 (1970).

Language: Romanian

Instructions: Type Single space, paste-up, camera
ready copy.

Agency: Picatinny Arsenal
Req. 74-31 1

9243/0984
18 Oct. 1979

Title: Ioni de potasiu, calciu si sodiu in sucurile
frunzelor stimulate electric.

Author: Irina Corneiu.

Source: Stud. Cercet. Biochim. V. 14, pp. 17-22
(1971)

Language: Romanian.

Instructions: Type single space, paste-up, camera ready
copy.

Agency: Picatinny Arsenal

9243/1695

Req. 74-79 c

15 May 1974

Title: Eliberarea Glucidelor din Miostuctura
Plantulelor de Orz Sub Influenta Azidei de Sodiu.

Author: Irius Cornoiu

Source: Stud. Cercet. Biochim. Vol. 16, pp. 125-9
(1973).

Language: Romanian

Instructions: Type single space, paste-up, camera
ready copy.

Sanico, E.

Chemical nature of Epiphyseal Antihormonal substances in
the urine.

STUDII SI CERCETARI DE ENDOCRINOLOGIE, Vol. 13, No. 5,
1971, pp 348-350
HTC 73-14091-05P

DANIEL, E.
//B-0011 AT CUCUTARI DE KIDUCHIMBORE//
--/--/1971, VOTIC, P1001.
Kubigomadekrode action of piment. ex-1001.
PP 31-33, ETC 14-10252-04700

Hydroxylase from *Colletotrichum* sp. [unclear]
STUDY: SI CHEMISTRY, DE [unclear]
RESEARCH, Vol. 8, 1970, pp. [unclear]
FSTI-HT-23-1100-72

INTERPOL, R.
//FED. BUREAU OF INVESTIGATION//
--/--/1970, 1972, 1973.
Photovoltaic effect in semiconductors, 10 pp.
DE 611-235, 2001 1-2505, 2001-11-23-1057-71
REPRODUCTION LIMITED TO US GOVT AGENCY

Gross, D.

Comparative study of the electrical oscillations
in positive and negative columns in a d. c. glow dis-
charge 24 pp.

STUDII SI CERCETARI DE FIZICA, vol. 22, 1970, pp. 403-
420

AIR/FFD-BC-22-1340-74

Grosu, D.

Influence of electric and luminous phenomena of the
anodic region on the electric oscillations in a
D. C. glow discharge 59 pp
STUDII SI CERCATARI DE FIZICA, vol. 22, no. 6, 1970,
pp. 623-649
AIR/FTD-HC-23-1339-74

THERMOELECTRIC REFRIGERATION

NICULESCU, D

LANGUAGE-RU COUNTRY-RU

STUDII SI CERCEETARI DE FIZICA, 73, VOL 25, NU
8, 969-990 174040174

FSTC-HT-23-0947-74

ON THE FLOW OF A VISCOUS FLUID. PART I. BY
MARGOV, N.
STUDII SI CERCET. MAT., Vol. 23, No. 1, pp. 41-
100, 1971, Romania. 27
FSTC-HT-23-793-72

MIHATOIU, I.
//STUDII SI CERCETARI DE MECANICA (SINUOLA//
--/--/1970,V0004,N0001
Contributions to the Study of Soil Pressure and
Tractive Power Components of the Crawler Tractor
pp 23-33, *NTIS-TT-74-550830

CAPROIU, ST.
//STUDII SI CERCETARI DE MECANICA AGRICOLA//
--/--/1970, V0004, N0004,
Theoretical Considerations Concerning the Operating
by Vibrations of the Cultivator Working Members
pp. 315-323, *NTIS-TT-74-5508100

TOMA, D.

//STUDII SI CERETARI DE MECANICA AGRICOLA//

--/--/1971, V0005, N0002

Soil Preparation with Tooth Harrows, the Teeth
Being Disposed on Oscillating Beam

pp 101-112, *NTIS-TT-74-530749

ZAMPIT, CH.
//STUDII SI CERCETARI DE MECANICA AGRICOLA//
--/--/1971, V0005, S0005
Increasing of Wear Resistance of the Knives of
Bulldozers and Leveler Blades
pp 257-264, *NTIS-71-74-550829

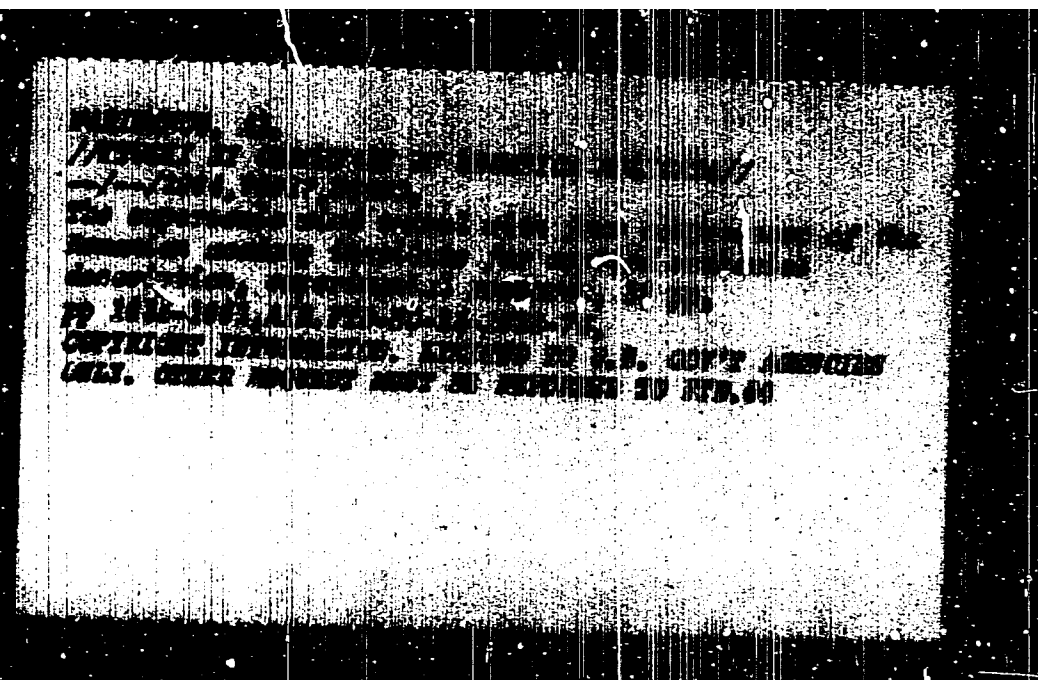
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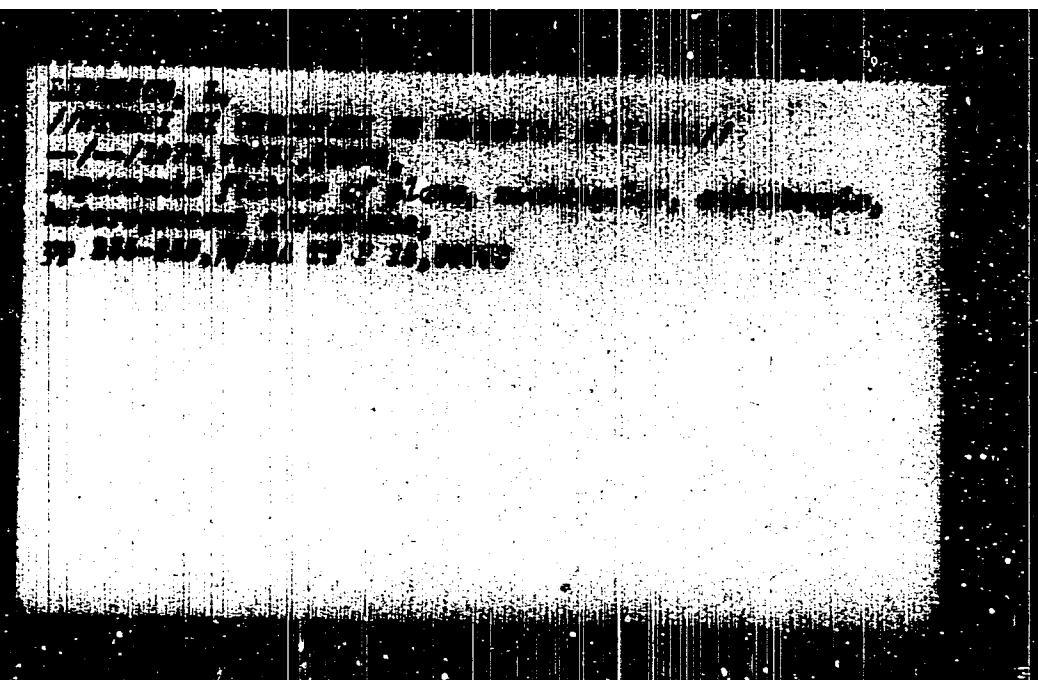
28-01-74

T629

THE SUPERSONIC WIND TUNNEL WITH FOUR
COMPRESSORS OF THE INSTITUTE OF APPLIED
MECHANICS OF THE RUMANIAN ACADEMY OF SCIENCES
MARINESCU, AL
RU: STUDII SI CERCETARI DE MECANICA
APLICATA, VOL. 17, NO. 6, 1964, ~~4-11~~
1635-1661

In Process as
FTD-HC-1622-74





Cajal, N.

Measles Vaccine Successfully Prepared and
Administered, 11 pp.
STUDII SI CERCETARI DE VIRUSOLOGIE, Bucharest,
No 5, Sep-Oct 73, pp 349-356.
JPRS 61278

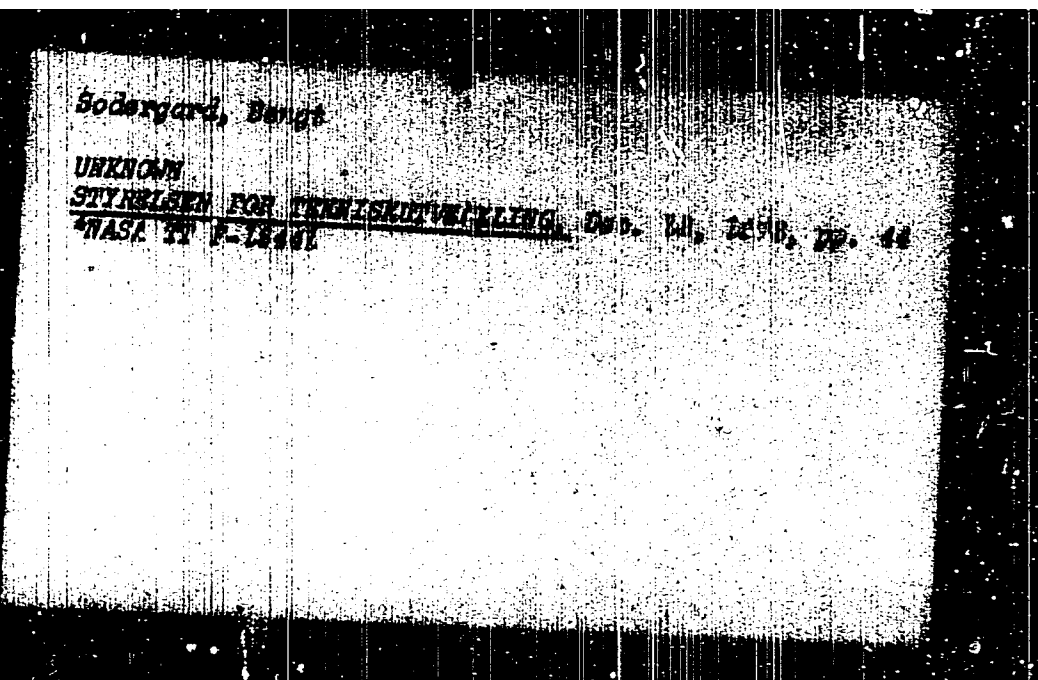
Mar 74

SCHOL, H.

//STUTTGART//

--/--/1962. Y0012, N----

The dynamic behavior of the ear in separating
the sound spectrum into frequency groups 12 pp
pp 101-107, NASA TT F 12719#



Vargas, C. F.

Oil exploration subprogram reconnaissance interpretation
of images provided by the NASA-4 satellite
SUB PROGRAM A EXPLORATION PROGRAM 1979, IN. 3
NASA TT F 15205

Verdugo, Arnoldo Martinez

Political Leader Interviewed About Current
Party Tactics.

8 pp

SUCESOS, Mexico City, 7 July 1973, pp 4-8.

JPRS 59810

Leftist Groups Dominate Underground University,
6 pp.
SUCESOS, Mexico City, 16 Jun 73, pp 6-12.
JPRS 59481

Jul 73

Becarra, Armando Lopez

Role of States in Presidential Succession.

6 pp

SUCESOS PARA TODOS, Mexico City, 13 Jul 74, pp 20-23.

JPRS 62818

PRISON, 10
 1/15/1977
 SEATTLE, WA
 1/15/1977
 Alvaach-1 and Alvaach-1 Marine (Mulligan) Redup
 sets 150 to
 PP 3-158 pp NAV/NISG/TRAN-5503.7425

VLADIMIROV, V. I.
//SUBORDINATE RESULTS OF THE
.../.../10/1. ...
Biophysical determination of the ... of death (see
theoretical and some experimental bases), 8 pp
pp 10-14, PSTC-HT-23-2258-7288

Belova, A. V.

Estimation of Carbiturates in the Blood and Urine of
Living Humans

STROKHO-MEDITSINSKAYA EKSPERTIZA, v. 14, n. 3, 1971,

pp. 29-34

NTC 73-12791-06A

NLL RTS 7406

Pecherzhikova, T. P.

//SUDENKO-MILITSINSKAYA NERPNITSA //

--/1973, V----, N0000, JP 0000-0007

Some Distinctions of Onset and Ignition of
Paranoid Syndromes in Psychopaths 5 pp

JPRS 63749

+

Agency: Federal Aviation Administration 9744/2866
R.O. Number: SAC-45162
Title: Forensic medical expert testimony in airplane
crashes, 6 March 75
Author: Tomilin VV and Pukovski I
Source: Sudobno-Meditsinskaja Ekspertiza Vol. 17:7-12,
Jan-Mar 1974
Language: Russian
Special Instructions: Translate into English, provide
library with a single typed copy.

YUDOVIN, B. S.

//SUDOSTROYENIYE PUBLISHING HOUSE//

--/--/1964, V----, N----

Marine combined plant with booster engines 46 p

PP 187-230 NAV/NISC/TRAN-3585-74#s

SECRET

On the Subject of Technical-Economic Evaluation of a
Ship and Population with the Use of
Generalized Coefficients, by L.N. Mikhailik and
V.I. Zhurilov

Leningrad, Radiostranydze, Sept 1969, pp 32-33

Please publish

Publish together with 8144/0878 under "Use of
Technical-Economic Methods in Ship Design".

Please provide JFRC/AA Doc with copy of report.

T/D: 19 Nov 1973

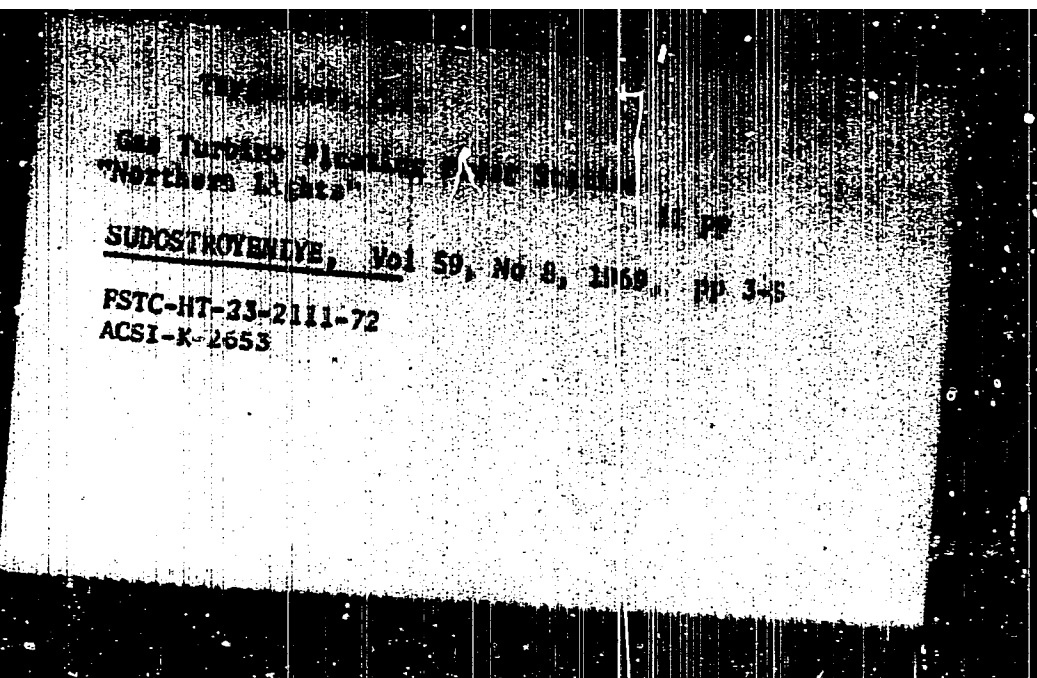
Dorin, V. S.

Using Economic-Mathematical Methods and Electronic
Computers in Ship Designing.

19 pp

SUDOSTROYENIYE, Leningrad, No 11, Nov 1967, pp 17-
24.

JPRS 60532



Kartyshov, A.Y.

Chromium-Manganese Steel Screw Properties,
SUDOSTROYENIYE, Leningrad, 1969, pp.7-12;
43-72 and 106-110.
NAV/NISC 3455

Structural Materials for Fabrication of Ship Reactors
and Steam Generators, by P. A. Manko, 113 pp.
SUDOSTROYENIYE, 1969, pp 31-52, 55-108, 167-179,
187-195, 208-210.
NAVY/NISC-Tr-3385

Apr 73

Proektirovaniye, 7. 55. 1970. 1970. 1970. 1970.
Power Plant of the Floating Power Station
"Northern Lights"
Sudostroyeniya, no. 12, 1970, pp 21-26.
FSIC-HT-21-1555-72
ACST 2221

REQ TR CHECK

17904-73

T531

INFLUENCE OF LOCAL RESISTANCES BEHIND
OPERATING TURBINE BLADES ON THEIR EFFECTIVENESS

SS
MOISEYEV; A.A. TOPUNOV, A.M.

UR: SUDOSTROYENIYE; MAY 1971, MAY, NO. 5,
pp. 33-34

Proves in as

HT 73 - 23 - 0489

24.6.73

Application of the Method of Finite Elements to the
Calculation of Ship Structures, by V. A. Postnov,
12 pp.
SUDOSTROYENIYE, No 6, 1971, pp 11-15.
NAV/NISC-Tr-3420-73

April 73

SIPELIN. P. M.
//SUDOSTROYENIYE PUBLISHED IN RUSK
--/--/1972, V-----, 3-----
Processing of Hull steel 300pp
pp not given NAV/NISC/TRAN-3304-1000

Takshin, U.A., and Ya.I. Vol'fon
 for small seiner for Far East fishing described
 Gusestroyeniye, (no: 8/40), Russian.

1972

Transl. in 200, no. 2, pp. 8-10 in 1971. Transl. on
 BSR trade and commerce, no. 2, pp. 10-11, processed. Avail.
 as 1971 transl. o. 1940, price 1.00.

Transl. on trade - 1.00, H. 1.00, 1.00.

Original Article Checked *KT*

Kuchuk, A.I.

A small refrigerated shrimp trawler (Malyi krevetochnyi
morezil'nyi trawler) 1972
Sudostroenie, 62(4(413), Apr.: 5-6. In Russian.

Transl. by IPST for NMFS, Jan. 1973, 4p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *AK*

Hogid, L.M.

Analysis of the elements of fishing vessels (Analiz 1972
elementov rybolovnykh sudov)
Sudostroenie, 62(4(413), Apr.: 7-13. In Russian.

Transl. by IPST for NMPS, Feb. 1973, 13p., typescript.

Avail. on Loan - NMPS, Wash., D.C.

Original Article Checked *MR*

SUDOSTROYENIYE, No 9, 1972.
pp 3-7, 7-10, 10-17, 26-28, 28-30, 31-33, 34-36,
43-45, 55-56, 57-61, 66-69, 70
NAVY/NISC-3397

May 73

Belkin, S.I.

Present Status and Prospects of Development of
Tuna Fishing Fleet.

SUDOSTROYENIYE, No. 10, October 1972, pp.11-13

NAV/NISC 3452

NMFS

Supplementary No 10, 1072
pp 15-17, 27-28, 29-31, 32, 40-41, 45-46, 49,
NAVY/NISC-3410

May 73



Danilov, I.V., and O.P. Pavlov
Underwater research vehicle "Gvidon" (Podvodnyi apparat
"Gvidon") 1972
Sudostroenie, 62(11(420), Nov.: 12-13. In Russian.

Transl. by Naval Intelligence Support Center, Mar. 1973,
as NISC Transl. No. 3422, pp. 7-11 in 54p. "Abstracts and
Translations from Sudostroenie (Soviet Shipbuilding), (11),
1972." 5p., processed.

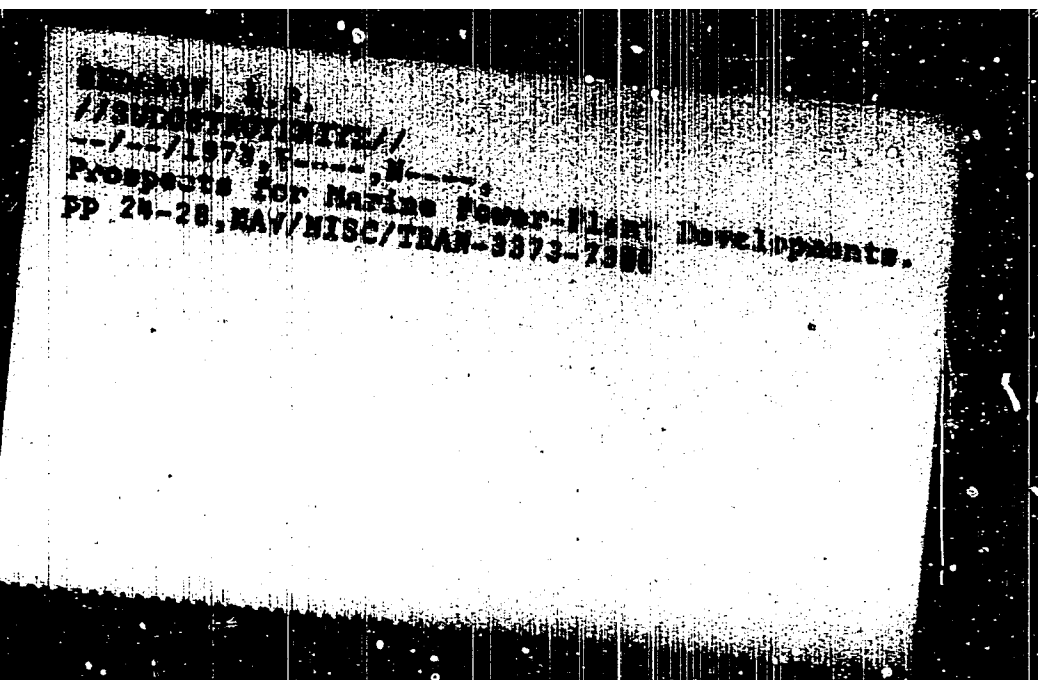
Avail. on Loan - NMPS, Wash., D.C.

Original Article Checked 

SUDOSTROYENIYE, No 12, 1972.
pp 10-13, 25-28, 28-30, 31-32, 32-33, 34-35, 36-42.
NAVY/NISC-3434

May 73

BELEN'KIY. L. M.
//SUDOSTROYENIY//
--/--/1973, V----, N----
large deformations of ship structures 77 pp
pp 68-79, 79-86, 103-115, 128-143, 171-176
NAV/HESC/TRAN 3580-74##



SUDOSTROYENIYE, No. 1, 1973
Pp. 3-6 31-35 44-46
8-10 39-41
14-16 41-43
NISC 3448-73

SUDOSTROYENIYE, No. 2, 1973.
NAV/NISC/ONI-HT-30-39-74

Selected Articles

RUSSIAN

*Comp. 4p**18 14*CSO: 8344/2050 W
11 April 1973 SF

1. Detection of continuous spectrum noise sources in axial and centrifugal pumps, by Ya. A. Kim.
2. Statistical investigation of Sensitive Elements of the Kurs gyrocompasses, by A.A. Potemkin.

Leningrad, Sudostroyeniye, No. 2, Feb. 1973, pp 23-25, 40-43.

Ad Hoc

Special type B

Do not publish

Original plus one

RUSSIAN

*Comp. Ap
8 up*CSO: 8344/2275 W
1 May 1973 SF

Investigation of Noise Insulation Properties of
ship structures, by L.Y. Kubovik, A.V. Matsevich et al.

Leningrad, Sudostroyeniye, No. 3, March 1973, pp 14-15.

Special type B

Do not publish

Original translation plus one

NAV/NISC/ONI-HT-30-40-74 Pp.6-10
ITEM 003

Kuz'min, Yu. L.

"LUGA-1" Automatic Cathodic Protection System
SUDOSTROYENIYE, No. 3, 1973, pp. 15-16.
NAV/NISC/ONI-HT-30-40-74

Molodtsov, Yu. A.

Series Connection of Hydraulic Mechanisms.
SUDOSTROYENIYE, No. 3, 1973, pp. 25-28.
NAV/NISC/ONI-ET-30-40-74

Bogomolov, V.M.

Heating of Hydraulic Clutches During Idling.
SUDOSTROYENIYE, No. 3, 1973, pp.38-40.
NAV/NISC/ONI-HT-30-40-74

Savitskiy, T.A.

Small Plate Regenerator for Marine Gas Turbine
Plants.

SUDOSTROYENIYE, No. 3, 1973, pp. 40-42.

NAV/NISC/ONI-HT-30-40-74

Chernenko, G. I.

All-Union Conference on Strength Problems of
Large Ships.

SUDOSTROYENIYE, No. 2, 1973, p. 69.

NAV/NISC/ONI-HT-30-40-74

Khitrav, M. V.

All-Union Scientific and Technical Conference
on Ways of Improving Fresh-Water Steam Turbines
SUDOSTROYENIYE, No. 3, 1973, p. 76.
NAV/NISC/ONI-HT-30-40-74=

SUDOSTROYENIYE No. 4, 1973, October.
Selected Articles

NAV/NISC ONI-HT-30-41-74

Malanchenko, L. P.

Marine Floating Crane Building Analyzed,

8 pp

SUDOSTROYENIYE, Leningrad, No 4, Apr 1973, pp 3-9

JPRS 59386

Velikosel'skiy, N. D.

New Heavy-Duty Floating Crane Described.

13 pp

SUDOSTROYENIYE, Leningrad, No 4, Apr 1973, pp 9-16.

JPRS 59386

SUDOSTROYENIYE, No. 5, 1973.
pp. 3-6; 8-11; 18-20; 21-27; 35-38; 39-42;
48-51; 57-59; 59-61; 61-62; 63-65; 81-82.
Selected Articles

*NISC/ONI-HT-30-42-74

Pegov, N. P.

12,500 Ton Repair Dock.

5 pp

SUDOSTROYENIYE, Leningrad, No 6, June 1973,

pp 3-6.

JPRS 59848

NAV/NISC/ONI-HT-30-43-74

New Design of A Propulsion-System Unit.
SUBCOMMITTEE, No. 5, 1970, pp. 5-11.
KAV/NPSC/ONI-PT-30-43-74

Chuvikovskiy, V.S.

Analysis of Errors in Strength Calculations
of Hull Structures.

SUDOSTROYENIYE, No.6, 1973, pp.12-14.

XAV/HISC/ONI-HI-30-43-74

Ogarkov, L.P.

Trends in the Development of High-Speed
Electrohydraulic Steering Machines.
SUDOSTROYENIYE, No.6, 1973, pp.18-20.
NAV/NISC/ONI-IT-30-43-74

Gurevich, Kh. A.

Investigating the Vibroacoustic Characteristics
tics of a Single-Stage Impulse Machine.
SUDOSTROYENIYE, No.6, 1973, pp.23-24, 25-26.
NAV7WISC/ONI-HT-30-43-74

Panov, I.S.

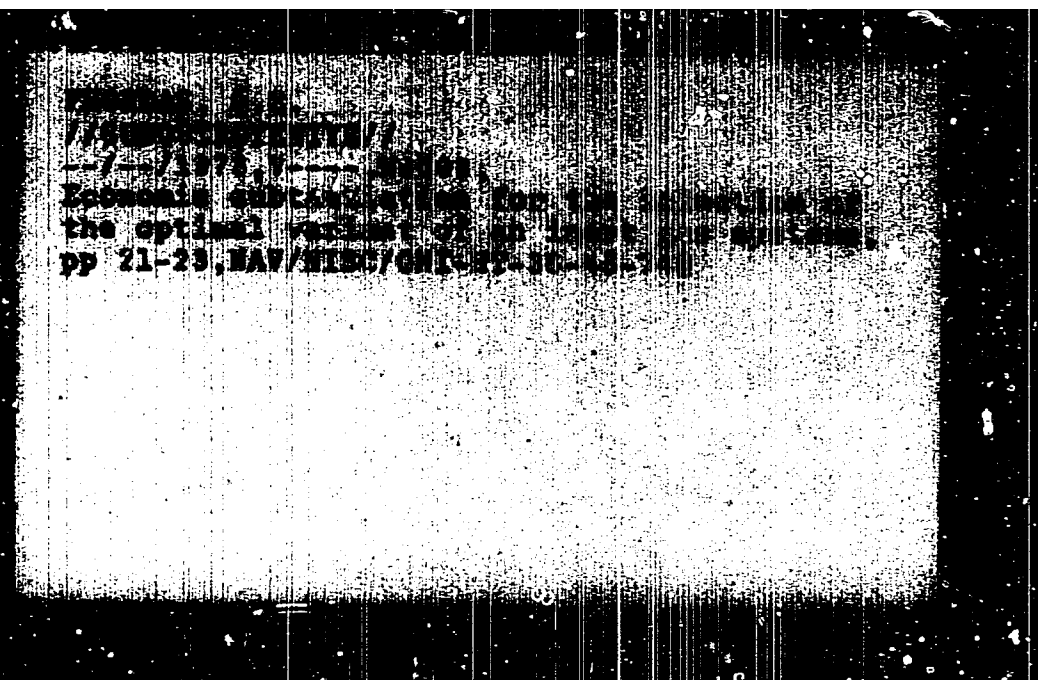
Sea Water Distillation.

SUDOSTROENIYE, No. 6, 1973. pp. 27-28, 29-32

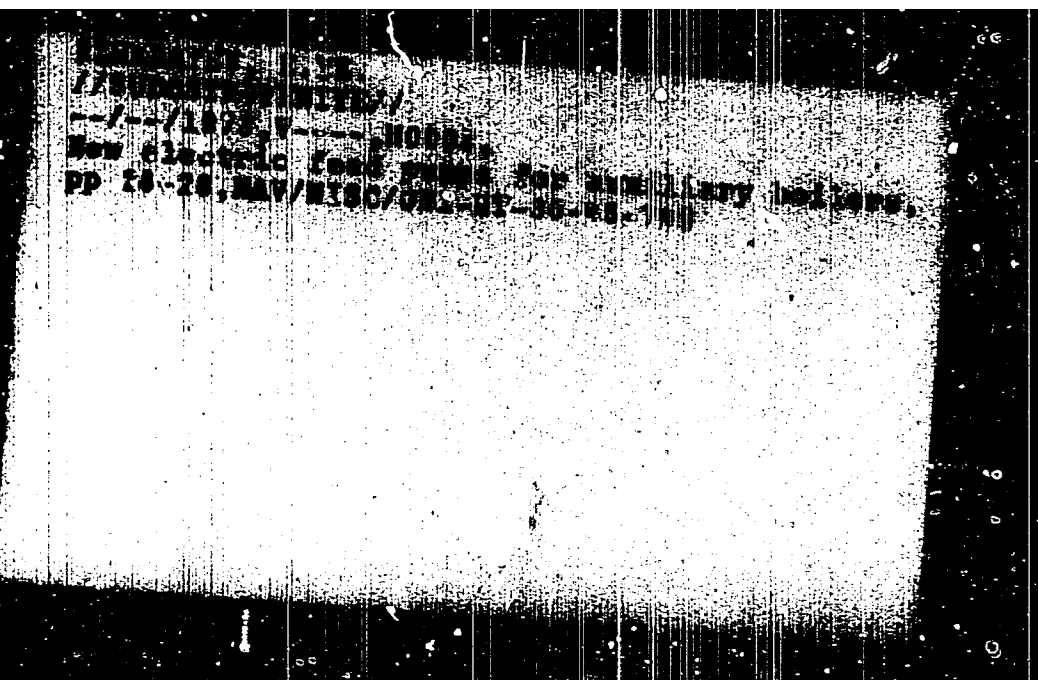
KAV/NISC/ONT-NT-30-43-74

SUDOSTROYENIYE, No. 7, 1973;
pp. 3-13; 14-15; 23-25; 26-29; 29-32; 32-35;
36-37 and 44-45.

141 NISC/ONL-4T-30-44-74



YEGOROV, N.F.
//SUDOSTROYENIYE//
--/--/1973,V----,NOG08,
Evaluation of the hydraulic resistance of
mufflers in the design of air conditioning
systems,
pp 24-25,NAV/NISC/ONI-HT-30-45-74e



GARBER, YE. D.
//SUDOSTROYENIYE//

--/--/1973,V----,N0008,

Performance optimization of marine power
plants with controllable-pitch propellers for
achieving high ship steering qualities,
pp 31-35,NAV/NISC/ONI-HT-30-45-74@

IL'INSKIY, I.N.
//SUDOSTROYENIYE//
--/--/1973,V----,N0008,
Instruments for detecting failures in cables,
PP 41-42,NAV/NISC/ONI-HT-30-45-74@

BIBIKOV, N.N.
//SUDOSTROYENIYE//
--/--/1973,V----,N0008,
Corrosion protection of tanks on large-capacity oil tankers,
pp 44-46,NAV/NISC/ONI-HT-30-45-74@

LUTSENKO, V.T.
//SUDOSTROYENIYE//
--/--/1973,V----,N0000,
Dry-dock overhaul of moskva -- class ice-
breakers,
pp 43-50,NAV/NISC/ONI-HT-30-45-74@

SUDOSTROYENIYE No.9, 1973, Selected Trans.
#NISC

Gridchin, B. F.

New Caspian Seagoing Dredger Described.

5 pp

SULOSTROYENIYE, Leningrad, No 10, Oct 1973,

pp 3-5.

JPRS 60823

Rodionov, N. N.

Effect of Standards to Prevent Ocean Pollution
in Supertanker Design, 8 pp.
SUDOSTROYENIYE, Leningrad, No 10, 1973,
pp 6-9.
JPRS 61405

Apr 74

GRIDCHIN. B. F.
//SUDOSTROYENIYE//
--/--/1973, V----, n0010
The first soviet seagoing suction dredge
50 left sove~~t~~skomu azerbaydzhanu
pp 3-5 NAV/NISC/ONI/HT-30-40-75##

YUDOVIN. B. S.

//SUDOSTROYENIYE//

--/--/1973, V-----. No010

Conditions for the use of geared turbine on
ships navigating in ice

pp 22-26 NAV/NISC/ONI/HT-30-40-75##

MAYZEL, S. S.

//SUDOSTROYENIYE//

--/--/1973, V----, N001q

Improving steam separation in ship's boiler

pp 26-28 NAV/NISC/ONI/Ht-30-40-75##

KOBZEV. V. V.
//SUDOSTROYENIYE//
--/--/1973. V----, n0010
Selecting control system equipment on the basis
of human engineering requirement
pp 29-32 NAV/NISC?ONI/HT-30-40-75##

IVANOV. L. V.
//SUDOSTROYENIYE//
--/--/1973, V----, N0010
Anti-ice protection facilities for dry docks
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